

**ONPG – CPRG kits Generality / Technology / Method / Products Citations**

Authors	Title	References
Damian Lally	Thesis : Differential Control of TGM2 expression by Oestrogen Receptor/SERMs <b>(ONPG Kit)</b>	<b>Dublin Institute of Technology, 2010</b>
Maureen N. Ajuebor et al.	$\gamma\delta$ T Cells Initiate Acute Inflammation and Injury in Adenovirus-Infected Liver via Cytokine-Chemokine Cross Talk <b>(ONPG kit for liver tissue)</b>	<b>J Virology</b> , Oct. 2008, p. 9564–9576
Buller CJ, Zang XP et al.	Measurement of beta-galactosidase tissue levels in a tumor cell xenograph model.	<b>Method Exp Clin Pharmacol.</b> 2003;25(9):713-6
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Zelphati O, Nguyen C, et al.	Stable monodisperse lipoplex formulations for gene delivery.	<b>Gene Ther.</b> 1998 Sep;5(9):1272-82
Seeber F, Boothroyd JC	Escherichia coli beta-galactosidase as an in vitro and in vivo reporter enzyme and stable transfection marker in the intracellular protozoan parasite Toxoplasma gondii.	<b>Gene.</b> 1996 Feb 22;169(1):39-45
Felgner JH, Kumar R, et al.	Enhanced gene delivery and mechanism studies with a novel series of cationic lipid formulation.	<b>J Biol Chem.</b> 1994 Jan 28;269(4):2550-61
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Lim K, Chae CB	A simple assay for DNA transfection by incubation of the cells in culture dishes with substrates for beta-galactosidase.	<b>Biotechniques.</b> 1989 Jun;7(6):576-9

**Bradford Protein Assay Kit Products Citations**

Authors	Title	References
Rajanbabu V.	Antiviral function of tilapia hepcidin 1-5 and its modulation of immune-related gene expressions against infectious pancreatic necrosis virus (IPNV) in Chinook Salmon embryo (CHSE)-214 cells <b>(Bradford Protein Assay Kit)</b>	<b>Fish and Shellfish Immunology</b> doi10.1016/j.fsi.2010.09.005
Rajanbabu V.	The tilapia hepcidin 2-3 peptide modulates lipopolysaccharide (LPS)-induced cytokines and inhibits tumor necrosis factor (TNF)- $\alpha$ through cyclooxygenase (COX)-2 and phosphodiesterase (PDE)4D <b>(Bradford Protein Assay Kit)</b>	<b>J Biol Chem</b> , 2010, 285(40) 30577-586.
Vlaar APJ. Et al.	Mechanical ventilation aggravates transfusion-related acute lung injury induced by MHC-I class antibodies <b>(Bradford Protein Assay Kit)</b>	<b>Intensive Care Med</b> , 2010 36:879–887
Wolthuis EK, APJ Vlaar, et al	Recombinant Human soluble Tumor Necrosis Factor-Alpha receptor fusion protein partly attenuates ventilator-induced lung injury	<b>Shock</b> , vol 31, N°3, pp 262-266, 2009
Wolthuis EK, APJ Vlaar, et al	Mechanical ventilation using non-injurious ventilation settings causes lung injury in the absence of pre-existing lung injury in healthy mice <b>(Bradford Protein Assay Kit)</b>	<b>Critical Care</b> , 2009, 13:R1
Wolthuis EK et al	Plasminogen Activator Inhibitor-type I gene deficient mice show reduced influx of neutrophils in ventilator-induced lung injury <b>(Bradford Protein Assay Kit)</b>	<b>Wolthuis EK., Crit Care Res Pract.</b> 2011; epub

Aslami H.	Mild hypothermia reduces ventilator-induced lung injury, irrespective of reducing respiratory rate	Aslami H., Translational Research 2011
Wolthuis EK et al	Relative Tissue Factor Deficiency Attenuates Ventilator-Induced Coagulopathy but Does Not Protect against Ventilator-Induced Lung Injury in Mice	Wolthuis EK., Critical Care Research and practice. 2011
Hongzhao Y et al	Long-term field fertilization alters the diversity of autotrophic bacteria based on the ribulose-1,5-biphosphate carboxylase/oxygenase (RubisCO) large-subunit genes in paddy soil	Hongzhao Y., Appl Microbiol Biotechnol. 2011 Dec 9. [Epub ahead of print]

### Staining Kit Scientific publications

#### [X-Gal Staining Kits Products Citations](#)

Cells	Origin / Description	Type	Product	Publication
Lung cells	Lung	Rat	X-Gal	F. Kamezaki, et al. <b>Am J Respir Crit Care Med.</b> 2007 Oct 25
9L	Gliomal Cell line	Rat	X-Gal	C. Chen et al. <b>Arch Pharm Chem Life Sci</b> ;2006: 366-371
Fibroblasts	Dermal	Human	X-Gal	V. Ravelojaona et al. <b>Archives of Gerontology and Geriatrics</b> , Available online 18 January 2008
MTB2	Bladder urothelial carcinoma	Mouse	X-Gal	Matsumoto K. et al. <b>Hum gene ther.</b> doi: 10.1089/hum.2011.013

### CaPo Kit Scientific publications

#### [CaPo Kit Products Citations](#)

Cells	Origin / Description	Type	Product	Publication
HEK-293	Embryonic kidney	Human	CaPo	Chatterjee S., Patent - US2011/0294218-A1

#### [Generality / Technology / Method](#)

Authors	Title	References
Liu M	Plasmid-based reporter genes: assays for beta-galactosidase and alkaline phosphatase activities.	<b>Methods Mol Biol.</b> 2003;235:289-96.
Nazarenko DA, Dertinger SD, Gasiewicz TA	Enhanced detection of beta-galactosidase reporter activation is achieved by a reduction of hemoglobin content in tissue lysates.	<b>Biotechniques.</b> 2001 Apr;30(4):776-7, 780-1.

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### Books

Author	Title	References
Nancy Smith Templeton	<b>Gene and Cell Therapy: Therapeutic Mechanisms and Strategies</b>	Edition: 3, illustrated, <b>CRC Press, 2008</b> , 1101 pages
Theodore Friedmann, John J. Rossi	<b>Gene transfer: delivery and expression of DNA and RNA : a laboratory manual</b>	Edition: illustrated, <b>Cold Spring Harbor Laboratory Press, 2006</b> , 793 pages
Martin Schleef	<b>DNA pharmaceuticals: formulation and delivery in gene therapy, DNA vaccination and immunotherapy</b>	Edition: illustrated, <b>Wiley-VCH, 2005</b> , 253 pages
Vinod Labhasetwar, Diandra L. Leslie-Pelecky	<b>Biomedical applications of nanotechnology</b>	Edition: illustrated, <b>Wiley-Interscience, 2007</b> , 249 pages
Jeffrey Wilusz	<b>Post-Transcriptional Gene Regulation</b>	Edition: illustrated, <b>Humana Press, 2008</b> , 318 pages
John P. Fisher	<b>Tissue engineering</b>	Edition: illustrated, <b>Springer, 2006</b> , 463 pages
Jonah Bradley Sacha	<b>T cell epitope ontogeny in AIDS-virus infected cells</b>	<b>University of Wisconsin--Madison, 2007</b> , 133 pages
Spencer L. Shorte, Friedrich Frischknecht	<b>Imaging Cellular and Molecular Biological Functions</b>	Edition: illustrated, <b>Springer, 2007</b> , 449 pages
O. Mykhaylyk et al	<b>Liposomal Magnetofection, Chapter 34</b>	Liposome, <i>Methods in Molecular Biology</i> , vol 605
L. Jorgensen & HM. Nielsen	<b>Delivery Technologies for Biopharmaceuticals, peptides, proteins, nucleic acids and vaccines</b>	2009 - John Wiley & sons

